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PRODUCT DATASHEET

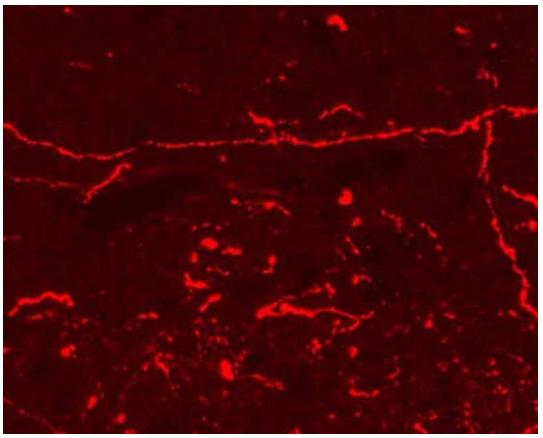
Anti-Endomorphin-1 and Endomorphin-2 (E-1/E-2) Antibody

Product Details

Available Variants	50 µg (SKU:R-1495-50)
Conjugate	Unconjugated
Isotype	IgG
Host Species	Rabbit
Format	Affinity-purified
Physical State	Lyophilized
Buffer	Lyophilized with BSA.
Applications	ICC, IHC
Dilution Ranges	IHC: 5-15 µg/mL ICC: 5-15 µg/mL
Species Reactivity	Human, Mouse, Rat
Immunogen	Antibodies to human Endomorphins 1 and 2 were made by immunising rabbits with the human Endomorphin-1 peptide (YPWF) and then selecting those antibodies that cross-reacted with both human Endomorphins 1 and 2.
Specificity	Human; mouse; rat. Endomorphin-1 is highly conserved molecule so cross-reactivity with other species is expected. Cross-reactivity with other opioid peptides is as follows: with Endomorphin-2 = 70%; Met-enkephalin <0.03%; with Leu-enkephalin 0.01%; with beta-endorphin<0.1%.
Storage	Spin vial briefly before opening. Reconstitute in 0.05 mL of sterile-filtered PBS (pH 7.4) to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material. At least 12 months after purchase at 2-8°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability and at 2-8°C with an appropriate antibacterial agent.Avoid freeze-thaw cycles

Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

Product Images



Immunohistochemical staining in rat ventral periaqueductal grey matter (PAG). 4% paraformaldehyde fixed rat brain crystostat sections (10 µm) were incubated overnight at 4°C with Rabbit polyclonal antibody to Endomorphin-1 and Endomorphin-2 (10 µg/mL) followed by incubation with donkey anti-rabbit Rhodamine Red conjugated secondary antibody (1:200).